

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 25   | (rotary near5 engines) and ramp and (slid\$3 near5 (vane\$1 or piston\$1 or blade\$1))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/08 06:55 |
| L2    | 10   | (rotary near5 engines) and ramp and (slid\$3 near5 (vane\$1 or piston\$1 or blade\$1)) and concentric  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/08 06:51 |
| L3    | 109  | 418/164.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/08 06:56 |
| L4    | 4198 | "418"/\$.ccls. and concentric\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/08 06:56 |
| L5    | 2347 | "418"/\$.ccls. and concentric\$4 and slid\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/08 06:58 |
| L6    | 1851 | "418"/\$.ccls. and concentric\$4 and slid\$3 and rotary  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/08 07:06 |
| L7    | 1083 | "418"/\$.ccls. and concentric\$4 and slid\$3 and rotary and valve\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/08 07:00 |
| L8    | 1    | ("6439868").URPN.  | USPAT   | OR               | OFF     | 2006/03/08 07:03 |
| L9    | 12   | ("3626265"   "3627456"   "3672797"   "4014298"   "4448161"   "4507067"   "4620514"   "4860704"   "5247916"   "6071106").PN. OR ("6439868").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/03/08 07:05 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L10 | 11  | ("3626265"   "3627456"   "3672797"   "4014298"   "4448161"   "4507067"   "4620514"   "4860704"   "5247916"   "6071106").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/03/08 07:05 |
| L11 | 925 | "418"/\$.ccls. and concentric\$4 and slid\$3 and rotary and engine\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:18 |
| L12 | 283 | ("418"/\$.ccls. or "123"/\$.ccls.) and concentric\$4 and slid\$3 and rotary and engine\$1 and (square or prism)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:19 |
| L13 | 131 | ("418"/\$.ccls. or "123"/200-249.ccls.) and concentric\$4 and slid\$3 and rotary and engine\$1 and (square or prism)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:25 |
| L14 | 238 | concentric\$4 and (slid\$3 near3 (vane\$1 or blade\$1 or piston\$1)) and rotary and engine\$1 and (square or prism)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:24 |
| L15 | 22  | concentric\$4 and (slid\$3 near3 (vane\$1 or blade\$1 or piston\$1)) and rotary and engine\$1 and (square or prism) and ramp  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:34 |
| L16 | 5   | ("418"/\$.ccls. or "123"/200-249.ccls.) and concentric\$4 and slid\$3 and rotary and engine\$1 and (square or prism) and ramp | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:25 |
| L17 | 61  | concentric\$4 and (slid\$3 near3 (vane\$1 or blade\$1 or piston\$1)) and rotary and engine\$1 and ramp                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:37 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| L18 | 0    | (concentric\$4 and (slid\$3 near3 (vane\$1 or blade\$1 or piston\$1)) and rotary and engine\$1 and ramp).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:34 |
| L19 | 1    | (shuba-yaroslav\$).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:38 |
| L20 | 5441 | (f02b053/02.ipc. or f02b053/00.ipc. or f02b053/04.ipc. or f01c001/344.ipc.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:39 |
| L21 | 3967 | (f02b053/02.ipc. or f02b053/00.ipc. or f02b053/04.ipc. or f01c001/344.ipc.) and (vane\$1 or blade\$1 or piston\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:40 |
| L22 | 0    | (f02b053/02.ipc. or f02b053/00.ipc. or f02b053/04.ipc. or f01c001/344.ipc.) and (vane\$1 or blade\$1 or piston\$1) and genigne\$1                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:40 |
| L23 | 3441 | (f02b053/02.ipc. or f02b053/00.ipc. or f02b053/04.ipc. or f01c001/344.ipc.) and (vane\$1 or blade\$1 or piston\$1) and engine\$1                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:40 |
| L24 | 461  | (f02b053/02.ipc. or f02b053/00.ipc. or f02b053/04.ipc. or f01c001/344.ipc.) and (slid\$3 near3 (vane\$1 or blade\$1 or piston\$1)) and engine\$1                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:42 |
| L25 | 106  | (f02b053/02.ipc. or f02b053/00.ipc. or f02b053/04.ipc. or f01c001/344.ipc.) and (slid\$3 near3 (vane\$1 or blade\$1 or piston\$1)) and engine\$1 and concentric\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/08 07:50 |